

ICH 275-RCE

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**Listing of Claims:**

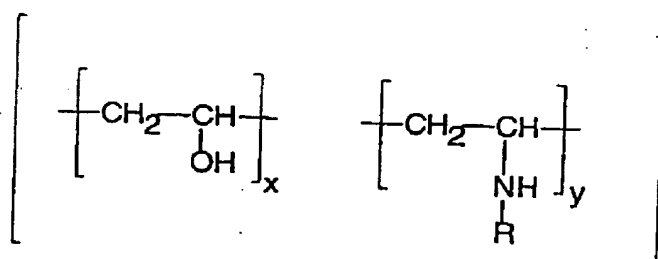
1. Canceled.
2. Canceled.
3. (Previously Amended). A recording sheet for ink jet printing according to claim 12 wherein said layer forms a film.
4. (Previously Amended). A recording sheet for ink jet printing according to claim 12 wherein said layer further contains a crosslinking agent.
5. Canceled.
6. (Previously Amended). A recording sheet according to claim 12 wherein said binder or binders are selected from the group consisting of polyvinyl alcohol, gelatine, starch, carboxymethyl cellulose, hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxymethyl cellulose, methoxyethyl cellulose, gum arabic, polyvinyl pyrrolidone, polyvinyl-methyl pyrrolidone and casein.
7. (Previously Amended). A recording sheet according to claim 12 wherein said binder or binders are selected from the group consisting of polymers or copolymers derived from acrylic acid and esters of acrylic acid.
8. (Previously Amended). A recording sheet according to claim 4 wherein said crosslinking agent is selected from the group consisting of triazine derivatives, epoxides, aldehydes, vinyl sulfones and carbamoyl derivatives.
9. (Currently Amended). A recording sheet according to claim 4 wherein said crosslinking agent is selected from the group consisting of triazine derivatives and [[,]] carbamoyl derivatives.
10. (Previously Amended). A recording sheet according to claim 4 wherein said crosslinking agent is hydroxy-dichloro-1, 3, 5-triazine or 2-(4-dimethylcarbamoyl-pyridino)-ethane-sulfonic acid.

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11. (Previously Amended). A recording sheet according to claim 12 where R is CH<sub>3</sub>.

12. (Currently Amended). A recording sheet for ink jet printing comprising a support coated with at least one layer receptive for aqueous inks; wherein said layer contains:

(a) at least one copolymer of the general structure:



where

R = alkyl with 1-6 carbon atoms

$x + y = 1$

$y = 0.05 - 0.2$

$x = 0.8 - 0.95$ ; and

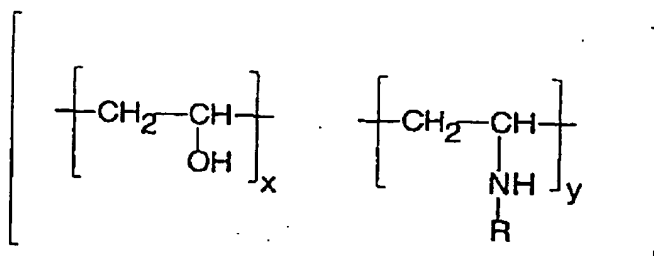
(b) a binder or mixture of binders;

(c) wherein [[the quantity of said copolymer is between 10 to 75 weight % of the combined amount of said copolymer and binder and]] said layer provides the sheet with enhanced light fastness properties.

13. (Currently Amended). A recording sheet for ink jet printing comprising a support coated with at least one layer receptive for aqueous inks; wherein said layer consists essentially of:

(a) at least one copolymer of the general structure:

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where

R = H or alkyl with 1-6 carbon atoms

$x + y = 1$

$y = 0.05 - 0.2$

$x = 0.8 - 0.95$ ; and

(b) a binder consisting of gelatin, and

(c) wherein the quantity of said copolymer is between about 12 to 70 weight % of the combined amount of said copolymer and gelatin and said layer provides the sheet with enhanced light fastness properties.

14. (Canceled).

15. (Currently Amended). A recording sheet according to Claim 13 wherein said gelatin is selected from the group consisting of acid pigskin, limed bone gelatin, acid or base hydrolysed gelatins, [[derivatised gelatins such as]] phthaloylated, acetylated or carbamoylated gelatine; or [[derivatised gelatin with trimellitic acid]] gelatin that is derivatised with trimellitic acid.

16. (Previously Presented). A recording sheet according to Claim 13 wherein said layer further contains a crosslinking agent.

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17. (Previously Presented). A recording sheet according to Claim 13 wherein said layer further contains fillers selected from the group consisting of kaolin, talcum, calcium or barium carbonates, silica, titanium oxide, chalk, bentonite, zeolite, aluminium silicate, calcium silicate, silicium oxide, colloidal silicium oxide or polymer beads.

18. (Previously Presented) A recording sheet according to Claim 13 wherein said layer further contains water soluble metal salts selected from the group consisting of the salts of calcium, barium, magnesium or the salts of the rare earth metal series.

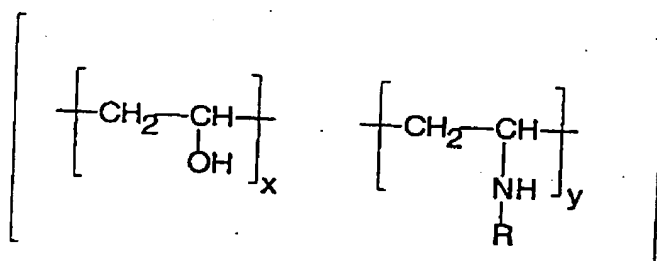
19. (Currently Amended). A recording sheet according to Claim 13 wherein said layer further contains a surfactant selected from the group consisting of saponin, alkylene oxide derivatives, polyethylene glycol, polyethylene glycol/polypropylene glycol condensates, polyethylene glycol alkyl or alkylaryl ethers, polyethylene glycol esters, polyethylene glycol sorbitol esters, polyalkylene glycol alkylamine or amides or silicone/polyethylene oxide adducts, [[glycidol derivatives such as]] alkenylsuccinic acid polyglycerides or alkylphenol polyglycerides, aliphatic esters of polyhydric alcohols, alkyl esters [[or]] of sucrose, urethanes or ethers, [[sulphuric acid ester group or phosphoric acid ester group such as triterpenoid type saponin]], alkylcarboxylates, alkyl-sulfonates, alkylbenzenesulfonates, alkylnaphthalenesulfonates, alkyl sulphuric acid esters, alkyl phosphoric acid esters, N-acyl-N-alkyltaurines, sulfo-succinates, sulfoalkylpolyoxyethylene, alkyl phenyl ethers or polyoxyethylene alkyl phosphates and cationic surface active agents such as alkylamine salts, aliphatic or aromatic quaternary ammonium salts such as pyridinium or imidazolium salts, or sulphonium

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salts containing an aliphatic or heterocyclic ring, or fluorinated or perfluorinated derivatives of the mentioned compounds.

20. (Currently Amended). A recording sheet for ink jet printing comprising a support coated with at least one layer receptive for aqueous inks; wherein said layer ~~[[consisting]]~~ consists essentially of:

(a) at least one copolymer of the general structure:



where

R = H or alkyl with 1-6 carbon atoms

$x + y = 1$

$y = 0.05 - 0.2$

$x = 0.8 - 0.95$ ;

(b) a binder selected from the group consisting of gelatine, carboxymethyl cellulose, copolymers derived from acrylic acid and esters of acrylic acid or mixtures thereof; ~~[[and]]~~

(c) a crosslinking agent selected from the group consisting of triazine derivatives, epoxides, aldehydes, vinyl sulfones and carbamoyl derivatives

wherein said layer has a thickness in the range of 0.5 to 30  $\mu\text{m}$  and wherein the quantity of said copolymer is between about 12 to 70 weight % of the combined amount of said copolymer and gelatin.